

What is claimed is :

1. An electric double layer capacitor having electrodes which include activated carbon particles and a binder binding said activated
5 carbon particles,

wherein a density of said electrodes is in the range of 1.4 g/cm³ to 1.8 g/cm³.

2. The electric double layer capacitor as claimed in claim 1,
10 wherein a specific resistance of said electrodes is in the range of 2.0 Ω cm to 7.0 Ω cm.

3. The electric double layer capacitor as claimed in claim 1,
15 wherein an averaged diameter of said activated carbon particles is in the range of 5 micrometers to 13 micrometers, and a particle size distribution thereof is in the range of 2 micrometers to 20 micrometers.

4. The electric double layer capacitor as claimed in claim 1,
wherein said binder contains a fluoro-containing polymer.

20 5. The electric double layer capacitor as claimed in claim 1,
wherein said binder contains polyvinylidene fluoride.

6. An electric double layer capacitor comprising :

a separator ;

a pair of electrodes separated by said separator, and said electrodes including activated carbon particles and a binder binding said activated carbon particles ; and

5 a pair of collectors separated by said pair of electrodes,
wherein a density of said electrodes is in the range of 1.4 g/cm³ to 1.8 g/cm³.

10 7. The electric double layer capacitor as claimed in claim 6,
wherein a specific resistance of said electrodes is in the range of 2.0 Ω cm to 7.0 Ω cm.

15 8. The electric double layer capacitor as claimed in claim 6,
wherein an averaged diameter of said activated carbon particles is in the range of 5 micrometers to 13 micrometers, and a particle size distribution thereof is in the range of 2 micrometers to 20 micrometers.

9. The electric double layer capacitor as claimed in claim 6,
wherein said binder contains a fluoro-containing polymer.

20 10. The electric double layer capacitor as claimed in claim 6,
wherein said binder contains polyvinylidene fluoride.

11. An electrode including :

activated carbon particles ; and
a binder binding said activated carbon particles,
wherein a density of said electrodes is in the range of 1.4 g/cm³
to 1.8 g/cm³.

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12. The electrode layer capacitor as claimed in claim 11, wherein a
specific resistance of said electrodes is in the range of 2.0 Ω cm to 7.0 Ω cm.

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13. The electrode as claimed in claim 11, wherein an averaged
diameter of said activated carbon particles is in the range of 5 micrometers
to 13 micrometers, and a particle size distribution thereof is in the range of
2 micrometers to 20 micrometers.

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14. The electrode as claimed in claim 11, wherein said binder
contains a fluoro-containing polymer.

15. The electrode as claimed in claim 11, wherein said binder
contains polyvinylidene fluoride.